SH2D4A Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	SH2D4A, Blocking Peptide
Full Product Name	SH2D4A Peptide - N-terminal region
Product Gene Name	SH2D4A blocking peptide
Product Synonym Gene Name	SH2A; PPP1R38
Sequence	Synthetic peptide located within the following region: KESLPVKPRP KKENGKSVHW KLGADKEVWV WVMGEHHLDK PYDVLCNEII
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	SH2D4A peptide (MBS3246792) is used for blocking the activity of SH2D4A antibody (MBS3222085)
Molecular Weight	44 kDa
Product Categories/Family for SH2D4A blocking peptide	Peptide
Related Product Information for SH2D4A blocking peptide	This is a synthetic peptide designed for use in combination with anti- SH2D4A Antibody, made Target Description: Inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation. May play a role in T-cell development and function.
Other Notes	Small volumes of SH2D4A blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SH2D4A purchase	MBS3246792 is a blocking peptide targeting SH2D4A. Also known as SH2D4A Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH2D4A. It may not necessarily be applicable to this product.

NCBI GI #	292658783
NCBI GeneID	63898
NCBI Accession #	NP_001167630.1
UniProt Primary Accession #	Q9H788
UniProt Related Accession #	Q9H788
GenBank Nucleotide #	NM_001174159.1
NCBI Official Full Name	SH2 domain-containing protein 4A isoform a
NCBI Official Synonym Full Names	SH2 domain containing 4A
NCBI Official Symbol	SH2D4A

NCBI Official Synonym Symbols	SH2A; PPP1R38
UniProt Protein Name	SH2 domain-containing protein 4A
UniProt Synonym Protein Names	Protein SH(2)A
Protein Family	SH2 domain-containing protein
UniProt Gene Name	SH2D4A
UniProt Synonym Gene Names	SH2A
UniProt Entry Name	SH24A_HUMAN
NCBI Protein Information	SH2 domain-containing protein 4A
Research Articles on SH2D4A	**1.** The chromosome 8p tumor suppressor genes SORBS3 and SH2D4A are physically and functionally linked and provide a molecular mechanism of inhibiting STAT3-mediated IL-6 signaling in hepatocellular carcinoma cells.
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